

## EAST Search History

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--------------------|------------------|---------|---------------------|
| L4    | 1843 | (700/94).CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/04/14<br>10:09 |
| L5    | 7    | ((("7412384") or<br>("6907413") or<br>("6323905") or<br>("6449591") or<br>("6414717") or<br>("6678405") or<br>("6757443"))).PN. | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/04/14<br>10:15 |
| S1    | 4    | ((("5764305") or<br>("5555465") or<br>("5739873") or<br>("5,903,866"))).PN.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/09/06<br>11:44 |
| S2    | 6    | ("5764305").URPN.   | USPAT              | OR               | OFF     | 2006/09/06<br>11:34 |
| S3    | 0    | "digital signal" same<br>"prediction coefficients"  | USPAT              | OR               | OFF     | 2006/09/06<br>11:34 |
| S4    | 0    | "digital signal" and<br>"prediction coefficients"   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/09/06<br>11:34 |
| S5    | 465  | "digital signal" and<br>"prediction coefficients"   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/09/06<br>11:35 |
| S6    | 0    | "digital signal" with "audio<br>sound music" and<br>"prediction coefficients"   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/09/06<br>11:38 |
| S7    | 0    | "digital signal" same<br>"audio sound music" and<br>"prediction coefficients"   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/09/06<br>11:38 |
| S8    | 47   | "digital signal" with (audio<br>sound music) and<br>"prediction coefficients"   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/09/06<br>11:39 |
| S9    | 40   | S8 and @ad< "20010731"  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/09/06<br>11:43 |
| S10   | 1    | "apprentice digital signal"   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/09/06<br>11:43 |
| S11   | 13   | "thin out" near3 audio  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/09/06<br>11:45 |
| S12   | 0    | (thin near3 audio) and<br>"prediction coefficient"  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/09/06<br>11:46 |
| S13   | 3    | (thin with audio) and<br>"prediction coefficient"   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/09/06<br>11:46 |
| S14   | 2    | ("thin out") and<br>"prediction coefficient"  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/09/06<br>11:46 |

|     |      |  |                        |    |     |                  |
|-----|------|--|------------------------|----|-----|------------------|
| S15 | 58   | ("4864396"   "5305103"   "5331414").PN. OR ("5663764").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/06 11:50 |
| S16 | 7    | "envelope calculation" and classification  | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/06 11:50 |
| S17 | 12   | ("5384868").PN. OR ("5739873").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/13 11:37 |
| S18 | 1    | ("5555465").PN.  | US-PGPUB; USPAT        | OR | OFF | 2006/09/13 12:02 |
| S19 | 1    | ("6,910,010").PN.  | US-PGPUB; USPAT        | OR | OFF | 2006/09/13 12:36 |
| S20 | 15   | ("4718093"   "4897878"   "5185848"   "5497447"   "5522011"   "5544250"   "5638489"   "5680481"   "5706394"   "5706395"   "5754681"   "5828998"   "5920644").PN. OR ("6910010").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/13 12:02 |
| S21 | 37   | ("4783802"   "5239594"   "5249067"   "5440662"   "5479570"   "5602938").PN. OR ("5754681").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/13 12:04 |
| S22 | 4    | (envelope with classification) same digital same (audio sound music voice)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/13 12:05 |
| S23 | 1    | ("6907413").PN.  | US-PGPUB; USPAT        | OR | OFF | 2006/09/13 13:03 |
| S24 | 2529 | ((700/94) or (706/16) or (704/233,242) or (348/571)).CCLS.   | US-PGPUB; USPAT        | OR | OFF | 2006/09/13 13:04 |
| S25 | 369  | "predictive coefficient"   | US-PGPUB; USPAT        | OR | OFF | 2008/02/21 10:03 |
| S26 | 63   | S25 and sony.as.   | US-PGPUB; USPAT        | OR | OFF | 2008/02/21 10:03 |
| S27 | 34   | S26 and @ad< "20000802"  | US-PGPUB; USPAT        | OR | OFF | 2008/02/21 10:03 |
| S28 | 3    | S27 and envelope   | US-PGPUB; USPAT        | OR | OFF | 2008/02/21 10:04 |
| S29 | 23   | S27 and class  | US-PGPUB; USPAT        | OR | OFF | 2008/02/21 10:21 |
| S30 | 14   | S27 and classification   | US-PGPUB; USPAT        | OR | OFF | 2008/02/21 10:21 |

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|-----|-------|--|------------------------|----|-----|------------------|
| S31 | 12    | S25 and envelope and classification  | US-PGPUB; USPAT        | OR | OFF | 2008/02/21 10:22 |
| S32 | 0     | S28 and class  | US-PGPUB; USPAT        | OR | OFF | 2008/02/21 10:32 |
| S33 | 1     | S28 and class\$6   | US-PGPUB; USPAT        | OR | OFF | 2008/02/21 10:32 |
| S34 | 19    | "predictive coefficient" near learn\$5   | US-PGPUB; USPAT        | OR | OFF | 2008/02/21 10:59 |
| S35 | 1     | 10/089389  | US-PGPUB; USPAT        | OR | OFF | 2008/02/21 11:11 |
| S36 | 23    | ("20020143527"   "4969192"   "5233660"   "5293449"   "5307441"   "5323486"   "5396576"   "5451951"   "5615298"   "5657420"   "5664055"   "5682404"   "5692098"   "5734789"   "5778335"   "5778338"   "5826226"   "5864798"   "5884010"   "5899968"   "5995539"   "6073092"   "6167371"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/21 11:25 |
| S37 | 6     | preict\$5 and coefficient and envelope and class\$5  | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/21 11:25 |
| S38 | 0     | "digital signal processing method, learning method"  | US-PGPUB; USPAT        | OR | OFF | 2008/10/16 11:36 |
| S39 | 3     | ((("6907413") or ("6990475") or ("7412384"))).PN.  | US-PGPUB; USPAT        | OR | OFF | 2008/10/16 11:37 |
| S40 | 1627  | (700/94).CCLS.   | US-PGPUB; USPAT        | OR | OFF | 2008/10/16 11:48 |
| S41 | 12560 | (375/240.01-240.29). CCLS.   | US-PGPUB; USPAT        | OR | OFF | 2008/10/21 08:58 |
| S42 | 4714  | S41 and @ad< "20000802"  | US-PGPUB; USPAT        | OR | OFF | 2008/10/21 08:58 |
| S43 | 1     | S42 and envelope and class and prediction  | US-PGPUB; USPAT        | OR | OFF | 2008/10/21 08:58 |
| S44 | 1     | S42 and envelope and classification  | US-PGPUB; USPAT        | OR | OFF | 2008/10/21 08:59 |
| S45 | 3499  | 375/240.12   | US-PGPUB; USPAT        | OR | OFF | 2008/10/21 09:02 |
| S46 | 2501  | 375/240.12.ccls.   | US-PGPUB; USPAT        | OR | OFF | 2008/10/21 09:02 |
| S47 | 603   | S46 and @ad< "20000802"  | US-PGPUB; USPAT        | OR | OFF | 2008/10/21 09:02 |

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|-----|-----|--|------------------------------|----|-----|---------------------|
| S48 | 1   | S47 and envelope   | US-PGPUB;<br>USPAT           | OR | OFF | 2008/10/21<br>09:03 |
| S49 | 0   | S47 and ("381".clas. or<br>700/94.ccls.)                 | US-PGPUB;<br>USPAT           | OR | OFF | 2008/10/21<br>09:06 |
| S50 | 409 | "adaptive dynamic range<br>coding"                       | US-PGPUB;<br>USPAT           | OR | OFF | 2008/10/21<br>09:08 |
| S51 | 3   | S50 and envelope   | US-PGPUB;<br>USPAT           | OR | OFF | 2008/10/21<br>09:09 |
| S52 | 8   | ("5912708"   "6438267").<br>PN. OR ("6658155").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/10/21<br>09:12 |
| S53 | 174 | S47 and audio  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/10/21<br>09:16 |
| S54 | 0   | S47 and envelope and<br>class and carrier                | US-PGPUB;<br>USPAT           | OR | OFF | 2008/10/21<br>10:13 |
| S55 | 1   | S47 and envelope and<br>carrier                          | US-PGPUB;<br>USPAT           | OR | OFF | 2008/10/21<br>10:14 |

**4/14/2009 10:32:12 AM**

**C:\Documents and Settings\aflanders\My Documents\EAST\Workspaces\10089389.wsp**